

PAT-NO: JP407239799A

DOCUMENT-IDENTIFIER: JP 07239799 A

TITLE: METHOD FOR PROVIDING REMOTE DATA SHADOWING AND REMOTE
DATA DUPLEX SYSTEM

PUBN-DATE: September 12, 1995

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APPL-NO: JP06301109

APPL-DATE: December 5, 1994

INT-CL (IPC): G06F011/20, G06F003/06 , G06F013/00

ABSTRACT:

PURPOSE: To provide a remote data shadowing system which synchronously performs a real-time disaster recovery in a memory location base with a secondary side placed at a separated location from a primary one.

CONSTITUTION: An error recovery program on a primary side 14 executes error recovery procedures and then stops the application in its execution mode to notify primary and secondary sides 14 and 15 that dual pair of faults take place. The error recovery program discriminates the cause of the dual pair of faults and restarts a dual mode if an error recovery is normally performed. When the error recovery program can not normally execute the error recovery, the update of writing on the primary side is further inhibited and an error message is sent to the operators of both primary and secondary sides 14 and 15.

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